Supplementary Information

Combined Toxicity of 2,4-Dichlorophenoxyacetic Acid (2,4-D) and Its Metabolites 2,4-Dichlorophenol (2,4-DCP) on Two Nontarget Organisms

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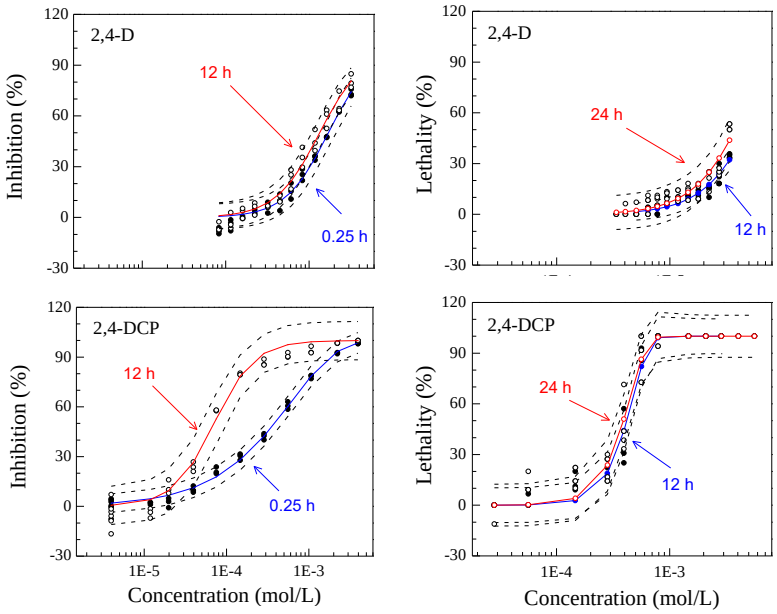
Contents

Table S1. The mixture ratios of 2,4-D and 2,4-DCP in various mixture rays and the concentrations of stocks of mixture rays

Organisms	Ray No.	$p_{2,4\text{-D}}$	$p_{2,4\text{-DCP}}$	Stock Concentration (mol L^{-1})
Q67	R1	9.607E-1	3.927E-2	5.205E-3
	R2	9.073E-1	9.270E-2	4.615E-3
	R3	8.303E-1	1.697E-1	3.968E-3
	R4	7.099E-1	2.901E-1	3.254E-3
	R5	4.946E-1	5.054E-1	2.462E-3
C. elegans	R1	9.805E-1	1.951E-2	7.502E-3
	R2	9.526E-1	4.738E-2	6.155E-3
	R3	9.095E-1	9.047E-2	7.226E-3
	R4	8.341E-1	1.659E-1	6.978E-3
	R5	6.679E-1	3.321E-1	4.342E-3



(a): Q67 (b): *C. elegans*

Figure S1. The concentration–response curves of 2,4-D and 2,4-DCP to Q67 (a) and *C. elegans* (b) where ● and ○ refer to the experimental scatters, solid curve (—) refers to the fitted curve and dashed curves (---) to the 95% confidence intervals

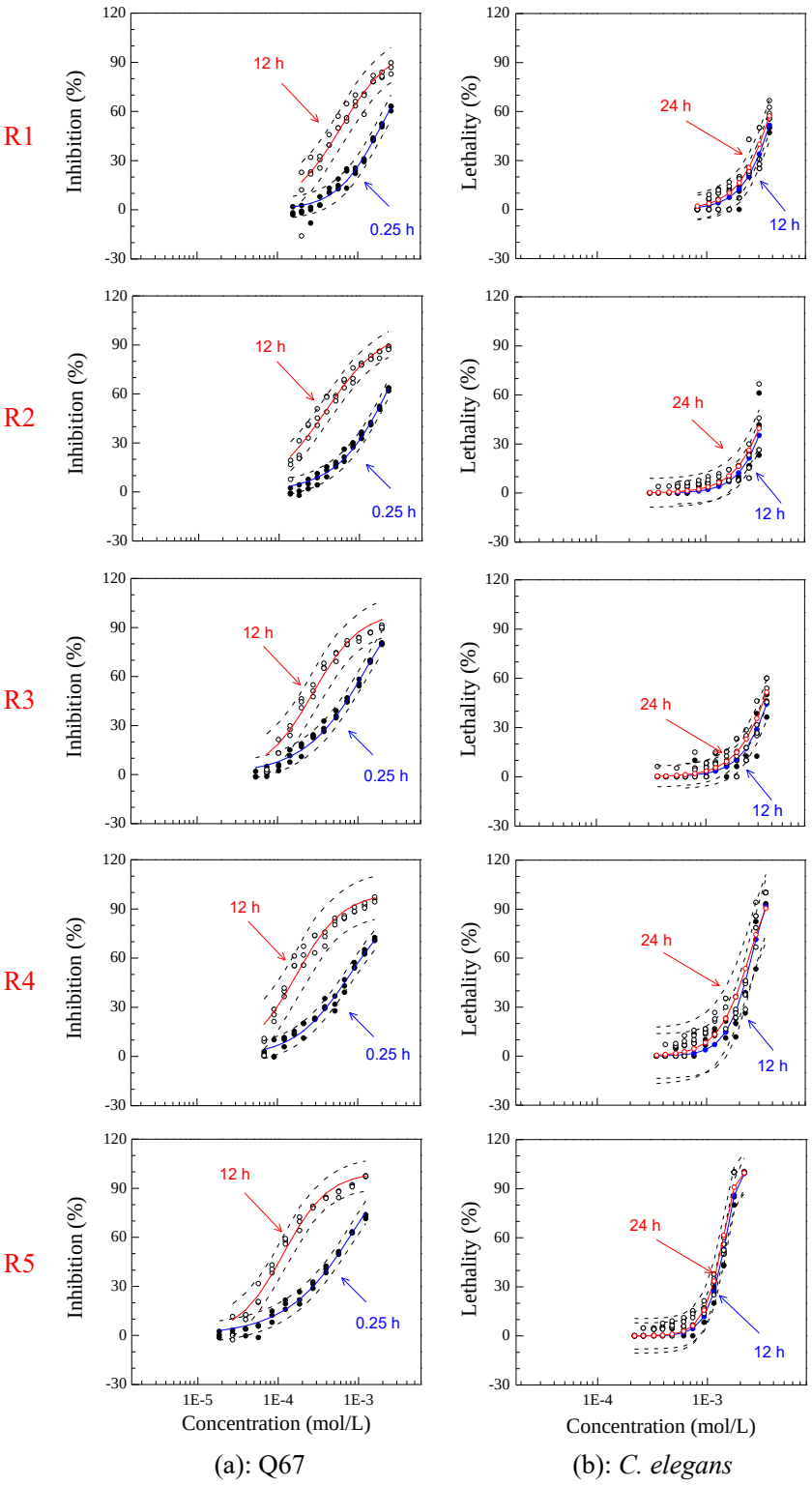


Figure S2. The concentration–response curves of five mixture rays (R1, R2, R3, R4, and R5) to Q67 (a) and *C. elegans* (b) where ● refers to 0.25 h (a) or 12 h (b), ○ to 12 h (a) or 24 h (b), the solid curve (—) to the fitted curve, and the dashed curves (---) to the 95% confidence intervals